



PATENT
10006598-1

#11/c
V. Brown
6/27/03
(S)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Giere et al.

Serial No. 09/876,506

Filed: 06/06/2001

For: BARRIER/ORIFICE DESIGN
FOR IMPROVED PRINTHEAD
PERFORMANCE

Art Unit: 2853

Examiner: Nguyen, L.S.

RECEIVED
JUN 24 2003
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OK to enter
LN
07/03/2003

RESPONSE TO FINAL ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed May 28, 2003, kindly amend the application as follows:

IN THE CLAIMS

Cancel Claims 1-36 without prejudice or disclaimer of the subject matter recited therein.

40. (Twice Amended) The printhead of Claim 45, wherein the ink flow path for each nozzle subgroup includes an opening or set of openings through the thin film layer and through the substrate, and wherein each nozzle of a nozzle subgroup is supplied with ink via said opening or set of openings.

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41. (Twice Amended) The printhead of Claim 45, further comprising printhead electronics that provide firing pulses to the drop generators such that no two nozzles of each nozzle subgroup are fired sequentially.

43. (Amended) The printhead of Claim 45 wherein the barrier/orifice structure includes a polymer layer.

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